Western Cape Government

**AGRICULTURAL ECONOMIC SERVICES**
**Division: Production Economics**
**Tel: 021 808 5317**
**Private Bag X1, Elsenburg,7607**

| ENTERPRISE BUDGET | | | |
|---|---|---|---|
| **Classification** | Fruit | **Province** | Western Cape |
| **Enterprise Budget Name** | Nectarine (Yr 3) | **District** | Little Karoo |
| **Land Size** | 1 Hectare | **Area** | Langkloof |
| **Date Developed** | 20 February 2024 | **Date Updated** | 06 March 2025 |
| **Developer** | Sinovuyo Magqibelo | **Updater** | Sinovuyo Magqibelo |
| **Soil Type** | Clay-Loam | | |

Use this enterprise budget as an aid in the planning process.

| Description | Unit | Price Per Unit | Quantity | Per Ha | Value Per Yield Unit |
|---|---|---|---|---|---|
| **GROSS INCOME** | | | **15,00** | **220 110,00** | **14 674,00** |
| **Product Income** | | | | | |
| Nectarine | Ton | 14 674,00 | 15,00 | 220 110,00 | 14 674,00 |
| **MARKETING COSTS** | Ton | 0,00 | 15,00 | 0,00 | 0,00 |
| **GROSS INCOME minus MARKETING COSTS** | | | | **220 110,00** | **14 674,00** |
| | | | | | |
| **TOTAL ALLOCATABLE VARIABLE COSTS** | | | | **166 142,29** | **11 076,15** |
| **DIRECTLY ALLOCATABLE VARIABLE COSTS** | | | | **164 659,94** | **10 977,33** |
| **A) PRE-HARVEST COST** | | | | | |
| **FERTILISER** | | | | **11 981,82** | **798,79** |
| Lime Ammonium Nitrate (28) | Ton | 9 252,21 | 0,30 | 2 774,55 | 184,97 |
| 3:1:5 (38) | Ton | 14 020,00 | 0,45 | 6 309,00 | 420,60 |
| Maxiphos 20 | Ton | 15 191,50 | 0,17 | 2 530,90 | 168,73 |
| Solubor | L | 73,47 | 5,00 | 367,36 | 24,49 |
| | | | | | |
| **INSECTICIDES** | | | | **765,41** | **51,03** |
| Alpha-cypermethrin | L | 1 020,54 | 0,75 | 765,41 | 51,03 |
| | | | | | |
| **HERBICIDES** | | | | **2 669,65** | **177,98** |
| Paraquat 200SL | L | 128,35 | 4,00 | 513,39 | 34,23 |
| Chlorsulfuron | Kg | 2 395,84 | 0,90 | 2 156,26 | 143,75 |
| | | | | | |
| **FUNGICIDES** | | | | **2 192,42** | **146,16** |
| Mancozeb 800WP | Kg | 107,81 | 20,00 | 2 156,26 | 143,75 |
| Sulphur | Kg | 48,21 | 0,75 | 36,16 | 2,41 |
| | | | | | |
| **CASUAL LABOUR** | | | | **20 728,80** | **1 381,92** |
| Casual Labour Thinning/Day | R/Manday | 259,11 | 30,00 | 7 773,30 | 518,22 |
| Casual Labour Pruning/Day | R/Manday | 259,11 | 40,00 | 10 364,40 | 690,96 |
| Casual Labour Fertiliser Spread/Day | R/Manday | 259,11 | 10,00 | 2 591,10 | 172,74 |
| | | | | | |
| **B) HARVEST COSTS** | | | | | |
| **CASUAL LABOUR** | | | | **51 044,67** | **3 402,98** |
| Casual Labour Pickers | R/Manday | 259,11 | 99,00 | 25 651,89 | 1 710,13 |
| Casual Labour Sorters | R/Manday | 259,11 | 28,00 | 7 255,08 | 483,67 |
| Casual Labour Quality Controllers | R/Manday | 259,11 | 14,00 | 3 627,54 | 241,84 |
| Casual Labour Forklift Operators | R/Manday | 259,11 | 28,00 | 7 255,08 | 483,67 |
| Casual labour Supervisors | R/Manday | 259,11 | 28,00 | 7 255,08 | 483,67 |
| | | | | | |
| **PACKAGING MATERIAL** | | | | **75 277,18** | **5 018,48** |
| Box (2.8Kg) Nectarines | Each | 9,74 | 5 357,00 | 52 177,18 | 3 478,48 |
| Storage and Cooling | Pellet | 700,00 | 33,00 | 23 100,00 | 1 540,00 |
| | | | | | |
| **GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS** | | | | **55 450,06** | **3 696,67** |

| | | | | |
|---|---|---|---|---|
| **INDIRECTLY ALLOCATABLE VARIABLE COSTS** | | | **1 482,34** | **98,82** |
| **C) PRE-HARVEST COST** | | | | |
| Fuel | L | 18,73 | 361,71 | 24,11 |
| Repairs & Maintenance | | | 134,24 | 8,95 |
| | | | | |
| **D) HARVEST COSTS** | | | | |
| Fuel | L | 18,73 | 944,16 | 62,94 |
| Repairs & Maintenance | | | 42,23 | 2,82 |
| | | | | |
| **GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS** | | | **53 967,71** | **3 597,85** |
| | | | | |
| Interest on Working Capital | | | 18 275,65 | 1 218,38 |
| | | | | |
| **MARGIN ABOVE SPECIFIED COSTS** | | | **35 692,06** | **2 379,47** |

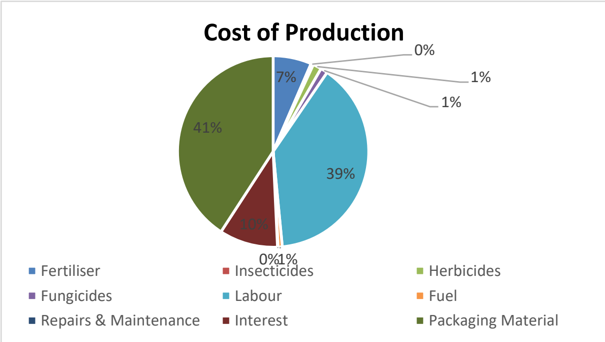
**NOTES:**

| | |
|---|---|
| Interest Rate | 11,00% |
| Growing period of Crop (Months) | 12 |

**SENSITIVITY ANALYSIS**

| YIELD (Tons/ha) | PRICE (R/Ton) | | | | |
|---|---|---|---|---|---|
| YIELD CHANGE AT 10% INCREMENTS | LESS 10% | LESS 5% | ACTUAL | ADD 5% | ADD 10% |
| | **R 13 206,60** | **R 13 940,30** | **R 14 674,00** | **R 15 407,70** | **R 16 141,40** |
| **12,00** | -R 25 939 | -R 17 134 | -R 8 330 | R 474 | R 9 279 |
| **13,50** | -R 6 129 | R 3 776 | R 13 681 | R 23 586 | R 33 491 |
| **15,00** | R 13 681 | R 24 687 | R 35 692 | R 46 698 | R 57 703 |
| **16,50** | R 33 491 | R 45 597 | R 57 703 | R 69 809 | R 81 915 |
| **18,00** | R 53 301 | R 66 507 | R 79 714 | R 92 921 | R 106 127 |
| **BREAKEVEN YIELD (Tons/Ha)** | **14** | **13** | **13** | **12** | **11** |

| Costs Of Production | R/Ha |
|---|---|
| Fertiliser | 11 981,82 |
| Insecticides | 765,41 |
| Herbicides | 2 669,65 |
| Fungicides | 2 192,42 |
| Labour | 71 773,47 |
| Fuel | 1 305,87 |
| Repairs & Maintenance | 176,48 |
| Interest | 18 275,65 |
| Packaging Material | 75 277,18 |

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